



Continental Filter Systems

The best possible protection
for man and machine



The future of mobility - all from a single source

We are your partner for global aftermarket solutions and services

Our ambition as a global technology group, and one of the leading automotive suppliers and tire manufacturers, is to always have the best possible solution for our customer's needs - with a broad product portfolio, proven technology, top OEM quality and services that bring real added value.

Take advantage of this comprehensive expertise and benefit from unique advantages for you and your customers - with the new Continental filter systems. The technology company Continental and filter manufacturer UFI Filters have now combined their strengths and know-how. Thanks to this partnership, we have expanded our product range - and we can now offer you a first-class selection of OEM quality oil filters, fuel filters, air filters and cabin filters.

The Continental Aftermarket range of services and product portfolio:

- › **Filter range:** the right filter for every application - reliable protection for injection systems, engines and passengers against contaminants, abrasion, ultrafine particles and moisture.
- › **Battery program:** start-stop batteries with modern EFB and AGM technology, and starter batteries with reliable lead-acid technology.
- › **Windshield wiper range:** durable, sturdy and easy to fit - AQUACTRL® windshield wipers for perfect visibility in all weather.
- › **Brake systems:** high-grade OEM quality brake components - wear parts, hydraulic parts, brake fluids and electronic components.
- › **Spare parts and repair parts:** perfectly fitting OEM quality solutions - tire pressure monitoring systems (TPMS), windshield and headlight cleaning systems, sensors, fuel systems, control elements and motors, blower and fan systems.
- › **Tires:** perfect control with summer tires, winter tires and all-weather tires for cars, SUVs and vans - the right tire for every use.
- › **Mobility solutions:** innovative solutions for networked vehicles - for example in the field of remote diagnostics using the Remote Vehicle Data (RVD) platform, giving standardized access to vehicle data for a range of marques and models.
- › **Workshop equipment:** test equipment and tools for brake servicing, ingenious solutions with diagnostic and service tools as well as efficient control of emissions.
- › **Services:** all-round service for workshops - workshop concepts like ATE BrakeCenter, transfer of expertise by the Continental TrainingCenter and support by a technical hotline and marketing measures.
- › **Small series:** specific solutions for different requirements - from ABS units to instrumentation.



Our range of filters at a glance

Original equipment quality for the spare parts market

With our range of Continental filters, we ensure safe engine operation and clean air in the vehicle interior. This means that a comprehensive selection of oil, gasoline, diesel, air and cabin filters in original equipment quality is available to dealers, workshops and drivers.

Why filters from Continental?

- › Broadly-diversified global player
- › Extensive service and product portfolio
- › Everything from a single source
- › OEM quality with a high level of product competence
- › Provider of innovative technologies



We are constantly developing our product range to ensure the highest coverage for the European car park.

We offer top-class filter systems since we use the latest technologies - and because the engineers and developers leverage their OEM market know-how also for the Independent Aftermarket (IAM). We apply

the same standards we use for original equipment to our production ensuring that our spare parts have the same high quality as the original filters. This is valid for our complete range of oil, fuel, air and cabin filters.

As a global player and leading automotive supplier, Continental is broadly diversified and offers dealers, workshops and vehicle drivers a wide range of high-quality, cutting-edge products and services, all

from a single source and up-to-date. And thanks to our productive partnership with one of the world's leading suppliers, UFI Filters, we now also offer a full range of filters which we will continue to develop.

The quality of the original Top-class filter systems

We offer you a full range of premium-class filters, providing reliable protection against dirt, abrasion, ultrafine particles and moisture for injection systems, engines and passengers - all from a single source under the Continental brand. You benefit from an extensive selection that leaves nothing to be desired.



Oil filters

Spin-on filters, immersion filters and environmentally friendly solutions with innovative filter media that ensure the best engine performance and minimum fuel consumption.



Diesel filters

Equipped with state-of-the-art and exclusive filter materials, these filters allow for maximum engine protection and a diesel water separation of more than 95 %.

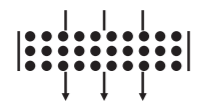
Gasoline filters

These products filter the impurities from gasoline and meet the requirements of the most modern engines.



Air filters

They filter impurities from the air, protecting the engine from corrosion and preventing clogging of the injectors.

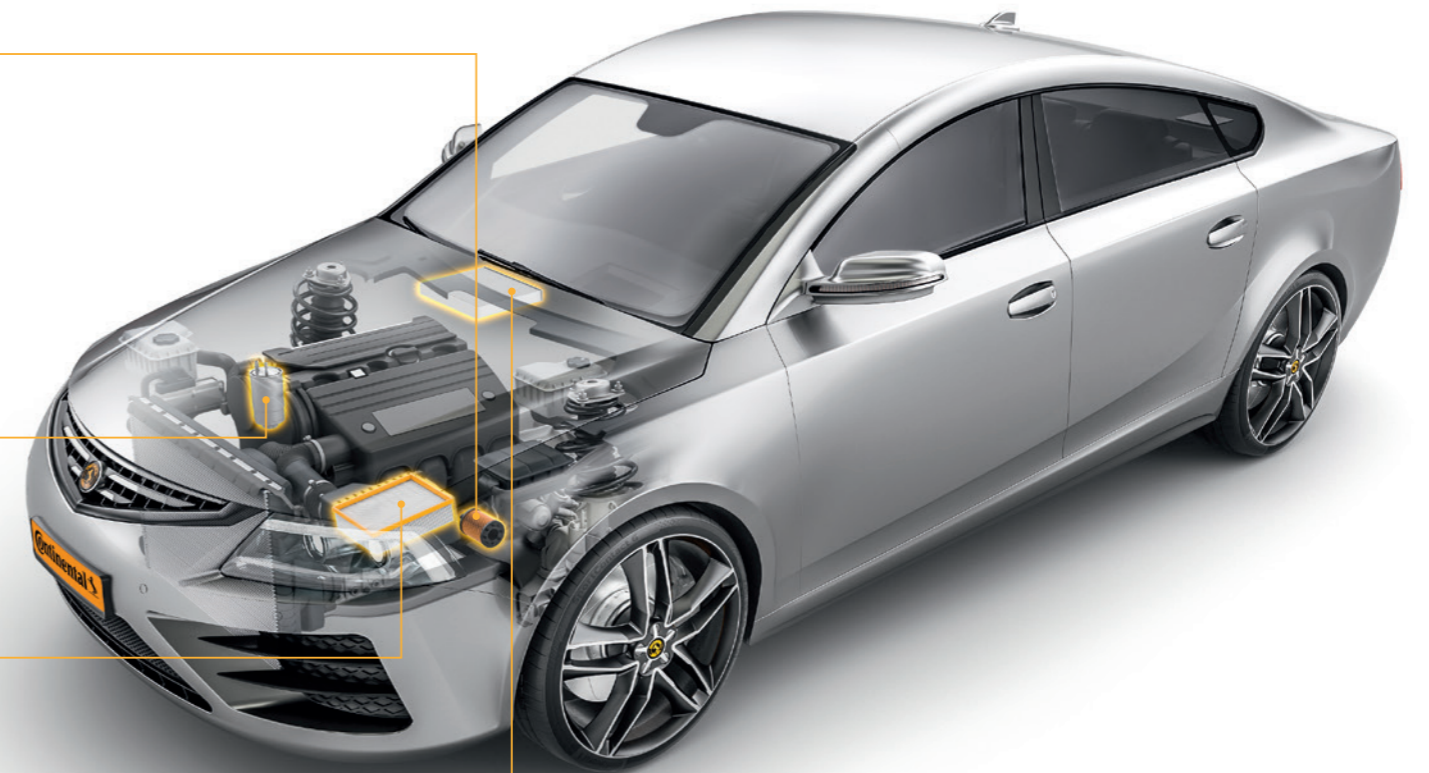


Cabin filters

Pollen and active carbon filters provide the best possible atmosphere and comfort in the vehicle interior, even in adverse weather conditions.

How to identify original Continental spare parts:

- 1 **MAPP code**
This guarantees the unique identification of Continental original products
- 2 **tesa PrioSpot®**
Maximum counterfeit protection and certain identification of imitations



The perfect filter for every use. Premium quality - exactly what you can expect from Continental. And our range is constantly being updated and expanded.

Our oil filters

Innovative solutions for maximum efficiency

Our oil filters protect the engine from oil contamination, ensure smooth operation and prevent premature engine wear and reduced engine performance. Continental offers premium oil filters which are manufactured using the most advanced technologies and innovative filter media.



The ongoing technological development of drive units has led to increased performance of vehicles. At the same time, fuel consumption and emissions could be reduced, not least to meet the increasingly stringent environmental regulations (Euro 6 and in future Euro 7).

Moreover, our customers also expect solutions for new technical problems that arise because of

- › New "long-life" oils,
- › Soot and biodiesel in oil,
- › Tougher operating conditions and
- › Longer service intervals.

Continental offers new oil filter solutions that use filter media made of glass fibers and synthetic materials. These enable the filters to cope with all oil specifications and capture any impurities contained in them ensuring that the engine continues to function as efficiently as possible.

Advantages:

- › Suitable for all oil specifications
- › Maximum efficiency
- › Longer service life
- › Space- and weight-saving



Oil filters should be regularly changed in accordance with the vehicle manufacturer's specifications.



Maximum protection through innovative technology: The correct dimensioning of the filter cartridges ensures maximum filter efficiency and prevents premature clogging of the filter at the same time. Given targets are achieved by developing environmentally friendly oil modules that limit the possible

impact on the environment and enable the integration of several functions to reduce the space requirements and the weight of the engines.

Materials:

A filter medium made of synthetics or glass fiber:

- › Wide range of applications
- › Filter efficiency: 50 % up to 4 μm
- › High dust-retention capacity
- › Excellent chemical compatibility and pressure resistance

Cellulose-based filter media:

- › Demanding applications
- › Filter efficiency: 50 % up to 8 μm
- › High dust-retention capacity
- › High chemical compatibility and pressure resistance

Our fuel filters

Cutting-edge technology in serial production

Modern high-performance fuel injection systems place high demands on fuel quality and purity. Continental fuel filters meet the highest demands for filter efficiency, retaining even the smallest particles. They also separate water from fuel preventing engine damage and loss of pressure.

Advantages:

- › Very high level of water separation
- › Increased filter efficiency
- › High filter capacity
- › Made of recyclable materials



Fuel being filtered in refineries comes without particles between 50 and 80 micrometers, but anything smaller remains. Until the fuel finally reaches the end user, it inevitably comes in contact with other impurities, which are often present in barrels and tanks.

The filter element:

- › Separation efficiency of more than 95 % of the water contained in fuel
- › High level of filtering efficiency: for corpuscular particles up to 4 µm
- › 100 % environmentally friendly: made of recyclable materials
- › The filter capacity is retained for many kilometers
- › Multi-layer filter with gradual porosity
- › Water separation from diesel through coalescence



Water and sludge, together with all other pollutants in fuel are especially harmful to the engine. The fuel filter is a basic component that reliably prevents this, and when properly maintained, it helps to ensure a constant performance of the vehicle.

Fuel filters should be regularly changed in accordance with the vehicle manufacturer's specifications.

Gasoline filters

They protect the injection system and the engine from particles and other residues in the fuel that can lead to high wear and power losses. To ensure that the components function optimally and have a long service life, gasoline filters filter out the smallest impurities, measuring less than a micrometer in size.

Fuel line filters are used in internal combustion engines to prevent engine starting difficulties and poor engine operation. They protect the nozzles from impurities.

Diesel filters

Filters in modern injection systems for diesel engines must meet extreme requirements. A particularly high degree of fuel purity must be guaranteed here because even the smallest particles of dirt can lead to malfunctions. This can result in increased wear, a loss in power and ultimately engine failure.

Diesel filters from Continental deal efficiently with this issue. With their best-in-class filter media, improved water separation and resistant materials for seals and housings, they are also the ideal solution for vehicles that use biodiesel.

Our air filters

The engine protectors



Air filters have an important function: they prevent soot, pollen, fine dust and other particles from entering the combustion chamber of the engine.

Air filters are the decisive element for the service life of the engine because they clean the air of the combustion chamber. This improves the injection into the engine thereby reducing fuel consumption.

Without an air filter, the engine is exposed to particles like dust and sand. If this happens, valves and injectors quickly become clogged and the engine itself could fail. The airflow directed to the engine would be stronger than the fuel flow and would require compensation by the control unit.

Thanks to the superior efficiency of Continental filters, any impairment of the fuel flow in the injection system - and a resulting loss of performance - is prevented. This helps to avoid increased fuel consumption, preventing higher pollutant emission levels.

Tasks of the air filter:

- › To protect the engine from dirt particles in the air which is drawn in
- › To protect the engine against wear
- › To ensure a constant air supply to the mixture preparation system
- › To reduce the noise level

Advantages:

- › Superior efficiency
- › High dirt particle absorption capacity
- › Simple and quick replacement



The air filter must be replaced at regular intervals to prevent the engine from running out of air. The vehicle manufacturer's information tells you when the next filter change is due.

Our cabin filters

Optimum protection against impurities and contamination

The range of Continental cabin filters provides reliable performance and a high degree of moisture resistance. The result: driver and passengers feel comfortable, which is good for their health and safety on the road.



Advantages:

- › High level of efficiency
- › Microbiological decomposition
- › High level of resistance to moisture

We inhale imperceptibly dust, soot, exhaust gases, bacteria, pollen and much more every day. Cabin filters clean the air we breathe from these harmful contaminants inside the vehicle.

Don't forget!

Change the cabin air filter regularly and follow the instructions of the vehicle manufacturer. Our advice:

15,000 km

Filters should be changed on average every 15,000 kilometers, depending on the conditions in the region where the vehicle is used. In the event of excessive exposure to dust and other impurities in the air of the car, it is advisable to change the filter at shorter intervals.

12 months

The cabin filter should always be replaced every 12 months.

15 minutes

Replacing it usually takes only a few minutes.

Materials:

Nonwoven

A strong barrier against impurities and pollen.

Active carbon

Effective protection against gas, bacteria, fungi and odors.



Bad air in the vehicle has consequences:

- › High dust levels cause allergies, throat complaints and sneezing.
- › On longer journeys, drivers tire more quickly and cannot focus fully on the road.
- › Condensation on the windshield and side windows impairs visibility.

Continental's product range provides clean air for drivers and passengers inside their vehicles.

Most of the available filter designs are pollen filters made of nonwoven material. They capture more than 90% of particles with a diameter of over 2 μm such as impurities and pollen.

The other filter designs are made of nonwoven fabric with activated carbon. These make it impossible for particles of 0.01 to 2 μm (gas, bacteria, fungi, odors) to enter the vehicle's interior. This ensures optimal comfort.

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